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1915

LIST OF PLANTS
IN
HERBARIUM
MANTI NATIONAL FOREST, UTAH

May 19, 1915.

*Economic notes but no specimen in herbarium. (To be collected this year)

°Specimen in herbarium, but no economic notes.

Notes on grasses in booklet on grasses

Grasses.

Agropyron	caninum, (L) Beauv.....	Spike wheat grass.
"	scribneri, Vasey.....	False wheatgrass.
"	smithii, Rydb.....	Wheat grass.
o	"	specatum, (Pursh) Scrib & Smith.....
o	"	specatum inerme, (S & S) Heller.....
o	"	specatum tenuispicum, (S & S) Rydb....
"	subvillosum, E. Nels.....	Bunch wheat grass.
"	tenerum, Vasey.....	Slender wheat grass.
*	"	vaseyi, Scrib & Smith.....Vasey's wheat grass.
Agrostis,	alba, L.....	Red top.
"	alba, vulgaris.....	" "
o	"	exarata, Trin.....
o	"	heimalis, (Watt) B.S.P.....
Alopecurus	aristulatus, Mx...ALAE.....	
Blepharoneuron	tricollepis, (Torr) Nash.....	Hair Grass.
Bouteloua	gracilis, (H.B.K.) Lag.....	Grama Grass.
Bromus	hordeaceus, L.....	Chess grass.
"	marginatus, Ross. <i>B. caryinatus</i>	Mt. Brome grass.
o	"	polyanthus, Scribn. <i>B. caryinatus</i>
"	porteri, (Coul.) Nash... <i>B. nemoralis</i>	Nodding brome grass.
o	"	richardsonii, Link.....
"	tectorum, L.....	June grass.
Calamagrostis	canadensis (L) Beauv.....	Blue joint: Marsh red top
"	hyperborea, Lange CANE.....	Northern Reed Grass.
"	purpurascens, R. Bv.....	Purple reed grass.
Catabrosa	aquatica, (L) Beauv.....	Water Whorl grass.
*Cinna	latifolia.....	Indian reed.
Dactylis	glomerata, L.....	Orchard grass.
Deschampsia	caespitosa (L) Beauv.....	Brown panicle grass.
Elymus	ambiguus, Vasey & Scribner.....	Colorado Rye Grass.
"	glaucus, Buckl.....	Tall rye grass.
o	"	triticoides, Buckl.....Wheat like rye grass.
Festuca	brachyphylla, Schult.....	Alpine Fescue.
o	"	confinis, Vasey... <i>Leucopoa kingii</i>
o	"	ingrata, (Hack) Rydb.....
o	"	idahoensis, Elmer.....
o	"	kingii... <i>Leucopoa kingii</i>
"	octoflora, Watt.....	Small Fescue.
"	octoflora hirtellus, Piper.....	Small Fescue.
"	occidentalis, Hook... No. West.....	Western Fescue.
"	pseudovina, Hack.....	Sheep Fescue, Meado
"	subulata, Trin.....	Nodding Fescue.
Hordeum	nodosum, L.....	Barley grass.

<i>Koeleria cristata</i> , (L) Pers.....	<i>Koeleria</i>
* <i>Melica bella</i> , Piper.....	Bulb or Onion grass.
<i>Muhlenbergia squarrosa</i> (Trin) Rydb.....	Dwarf grass.
(<i>Oryzopsis cuspidata</i>	Rice grass.
(" <i>hymenoides</i>	" "
<i>Panicularia nervata</i> , (Willd) Kuntz.....	Mamma grass.
<i>Phleum alpinum</i> , L.....	Mt. Timothy.
" <i>pratensi</i> , L.....	Timothy.
<i>Phragmites communis</i> , Trin.....	Wild cane.
◦ <i>Pleuraphis jamesii</i> , (Torr) Benth.....	Desert Grass, mesquite.
◦ <i>Poa acuminata</i> , Scribn.....	Poa.
" <i>annua</i> , L.....	Water Blue grass.
◦ " <i>brevipaniculata</i> , Scribn. & Will.....	Short panicle blue gr.
◦ " <i>buckleyana</i> , Nash.....	Buckley's Blue grass.
* " <i>compressa</i> , L.....	Canadian Blue grass.
" <i>fendleriana</i> (Stend.) Vasey.....	Fendler's blue grass.
" <i>juncifolia</i> , Scribn.....	Alkali blue grass.
◦ " <i>Leptocoma</i> , Trin.....	Slender Mt. blue grass.
" <i>longiligula</i> , Scribn. & Wild.....	Liguled Blue grass.
" <i>nevadensis</i> , Vasey.....	Nevada blue grass.
" <i>occidentalis</i> , Vasey.....	Western Poa. Aspen
" <i>pratensis</i> , L.....	Kentucky Blue grass.
" <i>reflexa</i> , Vasey & Scribn.....	Mt. Blue grass.
◦ " <i>rupicola</i> , Nash.....	Timberline blue grass.
" <i>sandbergii</i> , Vasey.....	Purple jointed Poa.
" <i>scabrella</i> , Benth.....	Malpitis blue grass.
" <i>triflora</i> , Gilib.....	Fowl blue grass.
◦ <i>Polypogon monspeliensis</i> (L) Desf.....	Mt. Polypogon.
<i>Puccinellia nuttalliana</i> , (Schulb) Hitchc.....	Alkali meadow grass.
<i>Sitanion glabrum</i> , Jls. Smith.....	Foxtail - Barley grass.
◦ " <i>hystrix</i> , (Nutt.) Sm.....	Squirrel tail.
◦ <i>Sporobolus asperifolius</i> , (Ness. & My.) Thurb.....	Rough leafed droop seed
" <i>cryptandrus</i> (Torr) Gray.....	Sand droop seed.
<i>Stipa comata</i> , Trin. & Rupr.....	Porcupine grass.
* " <i>lettermanii</i> , Vasey.....	Needle grass.
" <i>minor</i> , (Vasey) Scr.....	" "
◦ " <i>viridula</i> , Trin.....	" "
<i>Tristeum spicatum</i> , (L) Richter.....	Spike grass.

Grass Like Plants.

<i>Carex affexilis</i> , Dew.....	Bog sedge.
◦ " <i>festiva</i> , Dew.....	Sedge.
◦ " <i>gayana</i> , Dew.....	"
◦ " <i>hoodii</i> , Booth.....	"
◦ " <i>raynoldsii</i> , Dew.....	"
" <i>stenophylla</i> , Wahl & Kongl.....	Aspen sedge.
◦ " <i>straminiformis</i> , Bailey.....	Sedge.

✓	◦	Juncoides parviflorum.....	<i>Luzula parviflora</i>	Juncoides.	✓
✓	◦	Juncus saximontanus, A. Nels.	<i>J. ensifolius</i>	Rush.	
✓	◦	" balticus, Willd.....	<i>J. acutifolius balticus</i>	Wire grass.	✓
✓	◦	" Torreyi, Coville.....		" "	
✓	◦	Scirpus americanus.....		Wire grass.	
✓	◦	" campestris, Britton.....		Rush.	
✓	◦	" occidentale (Wats) Chase.....		"	
✓	◦	Sparganium eurycarpum Englm.....		Arrow grass.	
✓	◦	Triglochin maritima, L.....		Arrow grass.	

Weeds.

✓	◦	Achillea lanulosa, Nutt.....		Yarrow.	
		" millefolium, L.....		"	
		Aconitum columbinum, Nutt.....		Monks hood.	
		Actaea arguta, Nutt.....		Bane berry.	
		Agastache urticifolia (Benth) Kuntz.....		Horse mint.	
		Agoseris aurantiaca, Greene.....		Golden dandelion	
		" parviflora, Greene.....	<i>Agoseris parviflora</i>	Pink agoseris.	
✓	◦	" purpuria (Gray) Greene.....		Agoseris.	
		" rosea, Rydb.....		Wild dandelion.	
		Allium acuminatum, Hook.....		Wild onion.	
		" brameyeyi, Wats.....		" "	
*		" cernuum, Roth.....		" "	
		Alsine jamesiana, (Torr) Heller.....		Alsine, starwart.	
+	◦	Amaranthus retroflexus, L.....		Red root.	
+	◦	Amarella heterosepala (Engelm) Greene.....		Pink Gentian.	✓
*		" plebeja (Cham) Greene.....		Gentian.	
		Androsace diffusa, Small.....		Small Androsa.	
		" filiformis, Retz.....		Androsa.	
✓	◦	Anemone globosa, Nutt.....		Mt. Anemoni.	
✓	◦	Angelica pinnata, Wats.....		Wild parsnip.	
		Antennaria dimorphia (Nutt) T. & G.....		Low everlasting.	
		" microphylla, Rydb.....		White everlasting.	
		" rosea (Batt) Greene.....		Pink "	
		Apocynum ambigens, Greene.....		Dog bane.	
*		Aquilegia caerulea, James.....		White columbine.	
✓		" flavescens, Wats.....		Columbine.	
✓	◦	" leptocera, Nutt.....		"	
		Arabis holboellii, Homen.....		Pink mustard.	
		" ovata, Poix.....	<i>Arabis holboellii</i>	Small white mustard.	
✓		Aragallus lambertii, (Prush) Greene.....		Poison loco.	
✓	◦	Arctium minus, Bernh.....		Bur Dock.	
✓		Arenaria fenderli, Gray.....		Arenaria.	
✓	◦	Argemone hispida, Gray.....		Thistle.	
		Arnica cordifolia, Hook.....		Timber Arnica.	
		" fulgens, Pursh.....		Fulgens "	
		Aster adscendens, Lindl.....	<i>Chilensis</i>	Aster.	
		" " panyi, D.C. Eaton.....		"	
		" engelmannii, Gray.....		White aster.	
		" frondens, (Gray) Greene.....	<i>foliaceus</i>	Aster.	
		" glaucus, T. & G.....	<i>glaucoides</i>	"	

Aster vallicola, Greene.....	Aster.
*Astragalus aculeatus, A. Nels. <i>A. kentrophyta</i> imp.	Purple trailing loco.
" <i>agrestis</i> , Dougl.....	Meadow loco.
" <i>areitinus</i> , Jones. <i>A. cibarius</i>	Loco.
" <i>campestris</i> , (Nutt) Gray. <i>Oxytropis cam.</i>	Alpine white loco.
" <i>decumbens</i> , (Nutt) Gray. <i>A. miser oblongifol.</i>	Small loco.
✓ " <i>diversifolius</i> roborum, Jones. <i>A. convallarius</i>	Slender leaf loco.
" <i>drummondii</i> , Dougl.....	Tall loco.
" <i>megocarpus</i> , (Nutt) Gray.....	Bladder pod loco.
" <i>scopulorum</i> , Porter.....	Loco.
" <i>tenellus</i> , Pursh.....	Alpine loco.
" <i>uintensis</i> , Jones. <i>A. argophyllus arag.</i>	Mt. loco.
" <i>utahensis</i> , T. & G.....	Loco.
" <i>viridis</i> , (Nutt) Sheldon. <i>A. kentrophyta</i> elat.	Trailing loco.
Atriplex canescens, James.....	Salt Bush.
✓ " <i>hortensis</i> , <i>chrysantha</i> Annual herb	
✓ " <i>truncata</i> , (Torr) Gray. <i>chrysantha</i>	Orache.
" <i>spatiosa</i> , Nels. <i>A. rosea</i> Tumbling O.	Salt weed.
✓ Batrachium aquatile trichophyllum.....	Water crowfoot.
✓ Brassica nigra (L) Kock.....	Mustard.
Brickellia grandiflora, Nutt.....	Mint composite.
✓ Bursa pastoris, Weber.....	Pepper grass.
Calochortus nuttallii, T. & G.....	Sego lily.
✓ Caltha chinophila, Greene.....	Caltha.
" <i>rotundifolia</i> , (Huth) Greene.....	"
<i>Bursa</i> Capsella bursa pastoris, (L) Medik.....	Shepherd's purse.
Cardamine cordifolia, Gray.....	Bitter cress, white M.
Carduus undulatus, Nutt.....	Thistle.
Castilleja flava, Wats. <i>Chrysothrix</i>	Yellow paint brush.
" <i>hispida</i>	Red paint brush.
" <i>linariaefolia</i> , Benth.....	Alpine paint brush.
" <i>rhexifolia</i> , Rydb.....	Pink paint brush.
✓ Caulanthus crassicaulis.....	
Chaenactis douglasii, H. & A.....	Chaenactis.
Chamaenerion angustifolia, L.....	Fire weed.
Cheiranthus asper, Nutt.....	Mt. Wall flower.
<i>Erysimum</i> <i>hiv.</i> californicus, Greene.....	Wall flower.
✓ Chenopodium album, L.....	Pigweed, lambs quarters
" <i>fremontii</i>	Lambs quarters.
✓ Chrysopsis arida, A. Nelson.....	Golden aster.
" <i>hispida</i> , (Hook) Nutt.....	"
<i>Graytonia</i> <i>Graytonia</i> <i>perfoliata</i> , Donn. <i>Graytonia</i>	Colts foot.
" <i>suffulta</i> , Greene.....	Spring beauty.
✓ Clematis douglasii, Hook.....	Virgins bower.
" <i>hirsutissima</i> , Pursh.....	Clematis.
" <i>ligusticifolia</i> , Nutt.....	"
" <i>pseudoalpina</i> , (Kuntz) Nels.....	Alpine clematis.
Cleome integrifolia, T. & G.....	Bee plant - Peritoma.
" <i>lutea</i> , Hook.....	Yellow Peritoma.
Collinsia parviflora, Lindl.....	Blue mint.
Companula parryi, Gray.....	Grass lily.
Convolvulus arvensis, L.....	Wild morning glory.

✓ °	<i>Corallorhiza multiflora</i> , Nutt.....	Coral Root.
✓ °	<i>Corydalis aurea</i> , Willd.....	Corydalis.
*	" <i>montana</i>	"
✓ °	<i>Crepis acuminata</i> , Nutt.....	Wild lettuce.
°	" <i>glauca</i> , T. & G.....	" "
✓ °	<i>Delphinium barbeyi</i> , Huth.....	Tall Larkspur.
°	" <i>bicolor</i> , Nutt.....	Small Larkspur.
	" <i>nelsonii</i> , Greene.....	" "
	<i>Disperm trachycarpum</i> , Wats.....	Disperm.
✓ °	<i>Dodecatheon pauciflorum</i> (Durand) Greene.....	Shooting star.
✓ °	<i>Dondia erecta</i> , (Wats) A. Nels.....	Sea blite.
✓ °	<i>Draba crassifolia</i> , Grahm.....	Dwarf mustard.
*	<i>Dracephalum parviflorum</i> , Nutt.....	Dragon head.
	(<i>Drymocallis</i>) <i>fissa</i> , (Nutt) Rydb.....	Five fingers.
	<i>Pteryllia</i>	
✓ °	<i>Echinocereus aggregatus</i> (Engel) Rydb.....	Prickly pear.
°	<i>Epilobium adenocaulon</i> , Hauskn.....	Willow herb.
✓	" <i>occidentale</i> , Rydb.....	" "
✓ °	<i>Equisetum arvense</i> , L.....	Bushy horse-tail.
°	" <i>laevigatum</i> , A. Br.....	Horse-tail.
	" <i>robustum</i> , A. Br.....	" "
	<i>Erigeron compositus discoides</i> , Gray.....	Yellow daisy.
*	" <i>concinarus</i> (H. & A.) T. & G.....	Hairy daisy.
*	" <i>eatonii</i> , Gray.....	Slender stemmed daisy.
	" <i>flagellans</i> , Gray.....	Runnius Erigeron.
	" <i>macranthus</i> , Nutt. <i>Species 45</i>	Alpine purple daisy.
	" <i>pumilus</i> , Nutt.....	Daisy.
	" <i>racemosus</i> , Nutt.....	Small daisy.
°	" <i>salsuginosus</i> , Gray. <i>peregrinus</i>	Daisy.
	" <i>speciosus</i> , D. C.....	Conifer daisy.
*	" <i>ursinus</i> , Eat.....	Purple daisy.
	<i>Eriogonum alatum</i> , Torr.....	Large Eriogonum.
	" <i>cernuum</i> , Nutt.....	White flower.
	" <i>chrysocephalum</i> , Gray.....	Grays Eriogonum.
*	" <i>heracleoides</i> , Nutt.....	Indian tobacco.
	" <i>ovalifolium</i> , Nutt.....	Oval leaf Eriogonum.
*	" <i>pauciflorum</i> , Pursh.....	Alpine Eriogonum.
	" <i>racemosum</i> , Nutt.....	White
*	" <i>subalpinum</i> , Greene.....	Subalpine "
	<i>Erodium cicutarium</i> , L. Her.....	Stork bill, alfilaria.
✓ °	<i>Erysimum asperum</i> , D. C.....	Wall flower.
✓ °	" <i>elatum</i> , (Nutt).....	" "
✓ °	" <i>wheeleri</i> , Wats.....	" "
	<i>Erythronium parviflorum</i> (Wats) Goodings.....	Dog tooth violet.
	<i>Eucalypta rhabdocarpa</i> , Schw.....	Moss.
	<i>Euphorbia robusta</i> (Engel.) Small.....	Spurge.
	<i>Fragaria bracteata</i> , Heller.....	Strawberry.
	" <i>californica</i> , C. & S.....	"
	<i>Frasera speciosa</i> , Griseb.....	Elk weed.
	<i>Fritillaria atropurpurea</i> , (Nutt).....	Slender Lily.
	" <i>pudica</i> , Spreng.....	Butter cup.

Galium boreale, Linn.....	Bed straw.
Gayophytum ramosissimum, T. & G.....	Knot weed.
Gentiana elegans, A. Nels.....	Fringed Gentian.
" heterosepala.....	Low Gentian.
✓ Geranium incisum.....	Crow foot.
* " nervosum, Rydb.....	" "
" richardsonii, D. & M.....	White crow foot.
Geum oregonense, Rydb.....	Geum avens.
Gilia aggregata (Pursh) Spreng.....	Skunk weed, red bell.
" micrantha, (Kell) Nels.....	
" tenerrima, Gray.....	Small Gelia.
° Glycosma occidentalis, Nutt. <i>Osmorhiza occ</i>	Wild pasnip.
Glycyrrhiza lepidota, Pursh.....	Licorice.
Gutierrezia sarothrae (Pursh) B. & R.....	Yellow top.
Gymnolomia multiflora, (Nutt) B. & H.....	Mt. Sunflower.
* Hedysarum pabulare, Nels.....	Jointed pod pea.
" sulphurescens, Rydb.....	" " "
Helenium hoopesii, A. Gray.....	Sneeze weed.
Helianthella uniflora, T. & G.....	Small sunflower.
° Helianthus annuus, L.....	Sunflower.
" lenticularis, Dougl.....	"
Heracleum lanatum, Michx.....	Wild pieplant.
✓ Hieracum cynoglossoides, Aw. & Touv.....	Wooly weed.
° Hippurus vulgaris, L.....	Mare's tail.
Horkelia gordonii, Hook.....	Indian root.
* Hydrophyllum capitatum, Dougl.....	Ragged breeches.
Hymenopappus filifolius, Hook.....	Yellow Chaenactis.
Hymenoxys floribunda (Gray) Cockrell.....	Rubber weed.
Iris missouriensis, Nutt.....	Iris.
Lactuca pulchella, D. C.....	Blue Pulchella.
* Lappula occidentalis, Greene.....	Small stickseed.
✓ Lathyrus arizonicus, Britt.....	Big pea vine.
° " lactivirens, Greene.....	Pea vine.
" leucanthus, Rydb.....	Aspen pea vine.
" polyphyllus, Nutt.....	Purple pea vine.
" utahensis, Jones.....	White peavine.
° Leonurus cardiaca, L.....	Motherwort mint.
Lepidium medium, Greene.....	Pepper grass.
" ramosum, Nels.....	" "
Leptilon canadensis, (L) Britt. <i>Conyza can.</i>	Canada Fleabane.
Lesquerella condensata, Nels.....	Bladder pod.
" prostrata, A. Nels.....	Prostrate Bladder pod.
° " utahensis, Rydb.....	Utah bladder pod.
✓ Ligusticum filicinum, Wats.....	Wild carrot.
Linnorchis sparsiflora, (Wats) Rydb.....	Large Linnorchis.
" viridiflora (Cham.) Rudb.....	White Orchid.
Linum kingii, Wats.....	Yellow flax.
* " lewisii, Pursh.....	Wild flax.
✓ Lithophragma bulbifera, Rydb.....	Tellima.
° Lomatium triternatum, (Pursh) C. & R.....	Lomatium.
Lupinus alpestris, Nels.....	Wild bean.

✓	○	<i>Lupinus alseophilus</i> , Greene.....	Wild Bean.
*	"	<i>halosericeus utahensis</i> , Wats.....	Silver lupine.
*	"	<i>Spathulatus</i>	Wild bean.
	*	<i>Lychnis drummondii</i> , Wats.....	Cockle.
✓	○	<i>Machaeranthera pulverulenta</i> , ^{canescens} (Nutt) Greene.....	Aster.
		<i>Madia glomerata</i> , Hook.....	Tarweed.
Mon	✓	<i>Madronella odoratissima</i> , (Benth) Greene.....	Mint. ^{wood}
		<i>Malvastrum coccineum</i> , (Pursh) Gray.....	Red Mallow.
		<i>Marrubium vulgare</i> , L.....	Horehound, catnip.
	*	<i>Medicago lupulina</i>	Yellow clover.
✓		<i>Mentha canadensis glabrata</i> , Benth. ^{marvensis}	Canadian mint.
✓	○	" <i>spicata</i> , L.....	Spearmint.
		<i>Mertensia brevistyle</i> , Wats.....	Catseye, small bluebell.
		" <i>ciliata</i> , (Torr) Donn.....	Mt. Bluebell.
		<i>Mimulus langedorfii</i> , Sims.....	Monkey flower.
		<i>Mitella stauropetala</i> , Piper.....	Winterwort.
	*	<i>Moneses uniflora</i> , (L) Gray.....	One flowered wintergreen.
✓		<i>Monolepis nuttalliana</i> , (R. & L.) Engel.....	Figweed, Monolepis.
✓	○	<i>Myriophyllum specatum</i>	
		<i>Navarretia breweri</i> , (Gray) Greene.....	Brewers Navarretia.
✓		<i>Nemophila breviflora</i> , Gray.....	Tomato weed.
✓	○	<i>Nicotiana attenuata</i> , Torr.....	Nicotiana.
	*	<i>Oenothera pallida</i> , Rydb.....	Evening primrose.
	"	<i>triloba</i> , Wats.....	Primrose.
		<i>Onagra hookeri</i> , T. & G.....	Yellow evening primrose.
	*	<i>Oreocarya alata</i> , (Jones) Nels.....	Oreocarya.
	"	<i>setosissima</i>	Prickly weed.
		<i>Orogenia linearifolia</i> , Wats.....	Orogenia.
		<i>Orthocarpus tolmiei</i> , Benth.....	Yellow flower.
		<i>Ozmorrhiza nuda</i> , Torr.....	Sweet cicely.
	"	<i>occidentalis</i> (Nutt) Torr.....	Wild parsnip.
		<i>Pachylopus montanus</i> (Nutt) A. Nels.....	Fragrant primrose.
		<i>Parnassia parviflora</i> , D. C.....	Grass of Parnassia.
		<i>Paronychia sissilifolia</i> , Nutt.....	Ridge weed, whitlow wort.
		<i>Pastinaca sativa</i> , L.....	Parsnip.
	*	<i>Pedicularis groenlandica</i> , Retz.....	Red Raceme flower.
	"	<i>racemosa</i> , Dougl.....	Fire weed legume; Louse (wort).
	*	<i>Pentstemon acuminatus</i> , Dougl.....	Foxglove.
✓	"	<i>caespitosus suffruticosus</i> , Gray.....	Small snapdragon.
✓	○	" <i>confertus coeruleo-purpureus</i> , Gray.....	Pentstemon.
	"	<i>eatonii</i> , Gray.....	Red-bell, red pentstemon.
	"	<i>glaucus</i> , Graham.....	White Pentstemon.
	"	<i>strictus</i> , Benth.....	Pentstemon, Flxglove.
	"	<i>watsonii</i> , Gray.....	" Bluebell.
		<i>Phacelia alpina</i> , Rydb.....	Alpine Phacelia, blue (ragged breeches).
		<i>Phacelia heterophylla</i> , Pursh.....	White ragged breeches.
	"	<i>menziesii</i> , Torrey. ^{P. linearis}	Menzies Phacelia.
	"	<i>sericea</i> , (Graham) Gray.....	Phacelia.
		<i>Phlox longifolia</i> , Nutt.....	Sweet William.

✓	○	<i>Physalis longifolia</i> , Nutt.....	Ground Cherry.
✓	○	<i>Physaria newberryi</i> , Gray.....	Double bladder pod.
✓	○	<i>Plantago major</i> , L.....	Plantain.
✓	○	" <i>tweedyi</i> , Gray.....	"
✓	○	<i>Platyschukria integrifolius</i> , (Gray) Rydb.....	Alkali weed.
✓	○	<i>Polemonium confertum</i> , A. Gray.....	Plume weed.
✓	○	" <i>occidentale</i> , Greene.....	Snake weed.
✓	○	<i>Polygonum aviculare</i> , L.....	Knotweed.
✓	○	" <i>bistortoides</i> , Pursh.....	Club flower Bistort.
✓	○	" <i>douglassii</i> , Greene.....	Polygonum.
✓	○	" <i>montanum</i> (Small) Greene.....	Knotgrass.
✓	○	<i>Potamogeton lonchites</i> , Tuck.....	Pondweed.
✓	○	<i>Potentilla filipes</i> , Rydb.....	Cinquefoil.
✓	○	" <i>gracilis</i> , Dougl.....	"
✓	○	" <i>pennsylvanica arachnoides</i> , Lehm.....	Feather leaf cinquefoil
✓	○	<i>Primula parryi</i> , Gray.....	Red Primrose.
✓	○	<i>Pseudocymopterus montanus</i> , (Gray) C. & R.....	False Cymopterus.
✓	○	<i>Ptilocalais nutans</i> , (Geyer) Greene.....	Narrow leaf dandelion.
✓	○	<i>Ptiloria tenuifolia</i> , (Torr) Raf.....	Wire weed.
✓	○	<i>Pyrrocoma calendulacea</i> , Gray.....	Pyrrocoma.
✓	○	" <i>subcaesia</i> , Greene.....	"
✓	○	<i>Radicula aquatica</i> , (Eat.) Robins.....	Water-cress.
✓	○	" <i>lyrata</i> ,.....	"
✓	○	<i>Ranunculus adoneus</i> , Gray.....	Yellow buttercup.
✓	○	" <i>andersonii</i> , Gray.....	Pink Ranunculus.
✓	○	" <i>cymbalaria</i> , (Pursh) Greene.....	Trailing buttercup.
✓	○	" <i>inamoenus</i> , Greene.....	Buttercup.
✓	○	" <i>jovis</i> , Nels.....	Bachelor button.
✓	○	<i>Roripa alpina</i> , (Wats.) Rydb.....	Nasturtium.
✓	○	" <i>obtusata</i> , (Nutt) Britton.....	"
✓	○	<i>Rudbeckia occidentalis</i> , Nutt.....	Higger head.
✓	○	<i>Rumex crispus</i> , L.....	Rumex - curled dock.
✓	○	" <i>salicifolius</i> , Weinm.....	"
✓	○	<i>Salicornia herbacea</i> , L.....	Glass wort.
✓	○	<i>Salsola tragus</i> , L.....	Russian Thistle.
✓	○	<i>Saxifraga arguta</i> , Don.....	Pointed tooth Saxifrage
✓	○	<i>Schoenocrambe linifolia</i> , Nutt, Greene.....	Mustard.
✓	○	* <i>Scrophularia occidentalis</i> , (Rydb) Bickn.....	Figwort, Tobacco weed.
✓	○	<i>Sedum stenopetalum</i> , Pursh.....	Stone crop.
✓	○	<i>Senecio columbianus</i> , Greene.....	= <i>S. integerrimus</i> Senecio.
✓	○	* " <i>crassulus</i> , Gray.....	Bunch Senecio.
✓	○	" <i>eremophilus</i> , Rich.....	Notched leaf Senecio.
✓	○	" <i>longipetiolatus</i> , Rydb.....	= <i>S. cyocetus</i> Longstemmed "
✓	○	var. <i>macdougalii</i> ...? <i>S. eremophilus</i> Senecio.	
✓	○	" <i>serra</i> , Hook.....	Groundsel.
✓	○	" <i>spartioides</i> , T. & G.....	Senecio.
✓	○	" <i>uintahensis</i> , A. Nels.....	= <i>S. multiflorus</i> Uinta Senecio.
✓	○	<i>Sideranthus griseoides</i> , (Nutt) Brit MAGR.....	Bunch grass composite.
✓	○	* <i>Solidago parryi</i> , (Gray) Green.....	Golden rod.
✓	○	" <i>pitcheri</i> , (Nutt) Rydb.....	" "
✓	○	" <i>scopulorum</i> , Gray.....	= <i>S. multiradiata</i> Large flowered Goldenrod
✓	○	" <i>trinervata</i> , Greene.....	= <i>S. spathulata</i> ? Golden rod.
			<i>S. sparsiflora</i>

Sophia incisa.....	<i>Descurainia richardsoni, Bonnel</i>	Mustard.
" procera.....	<i>D. r. brevipes</i>	Large mustard.
* Spaelalcea acerifolia, Nutt.....		Shrub Mallow.
o Sphaeralcea rivularis, (Hook) Torr.....		Globe Mallow.
Stanleya integrifolia, James.....		Broad leaf mustard.
Streptanthus cordatus.....	<i>Streptanthus c.</i>	Pink mustard.
Swertia congesta, A. Nels.....		Alpine Swertia.
Synthyris laciniata, (Gray) Rydb.....		Synthyris.
Leontodon Taraxacum officinale, Weber.....		Dandelion.
Tetranneuris lanata, (Nutt) Greene.....		Actinella.
Thalictrum fendleri, Engel.....		Meadow Rue.
Thlaspi alpestre, L.....		Candy tuft.
Townsendia defecta, Nels.....		Townsendia.
" incana, Nutt.....		Hoary Townsendia.
Trifolium gymnocarpon, Nutt.....		Clover.
" kingii, Wats.....		"
o " pratense, L.....		Red clover.
o Urtica gracilis, Ait.....		Nettle
o Vagneria liliacea, (Greene) Rydb.....		Solomon's seal.
" sessilifolia, Greene.....		" "
" stellata, (L) Morong.....		" "
o Valeriana ceratophylla, (Hook) Piper.....		Small Elkweed.
" micrantha, E. Nelson.....		Sweet Anise.
" occidentalis, Rydb.....		" "
o Verbena bracteosa, Michx.....		Verbena.
* Veratum speciosum, Rydb.....		False Helibore.
Veronica americana, Schwein.....		Speedwell.
" serpyllifolia, L.....		"
* Vicia americana, Muhl.....		American Vetch.
* " " narrow leaf form.....		" "
* " " variety.....		" "
o " linearis, Greene.....		Vetch.
" oregana, Nutt.....		Oregon Vetch.
Viola erectifolia, A. Nels.....	<i>V. nuttallii</i>	Violet.
" linguaefolia, Nutt.....	<i>V. nuttallii</i>	Yellow Violet.
" nephrophylla, Greene.....		Violet.
" retroscabra (new variety) Greene.....		Blue violet.
" scopulorum, Greene.....	<i>V. canadensis</i>	White violet.
" venosa, Piper.....	<i>V. purpurea</i>	Small yellow violet.
Wyethia amplexicaulis, Nutt.....		Green dock.
* Yucca glauca, Nutt.....		Yucca.
o Xanthium commune, Britton.....		Cockle Burr.
o Zygodenus elegans, Pursh.....		Swamp death camas.
" paniculatus, Wats.....		Death camas.

Trees and Shrubs.

Acer	glabrum, Torr.....	Dwarf Maple.
"	grandidentatum, Nutt.....	Maple.
"	macrophyllum, Pursh.....	"
"	negunda, L.....	Boxelder.
✓	Amelanchier anifolia, Nutt.....	Service Berry.
○	" bakeri, Greene.....	" "
"	utahensis, Kochm.....	Utah Service berry.
Arctostaphylos	pugens platyphyllus, Gray.....	Socum.
"	platyphylla, Gray.....	"
"	uva ursie (L) Spreng.....	Kinnikinnick.
Artemisia	discolor, Dougl.....	Mt. sage.
"	frigida, Willd.....	Alpine sage.
"	gnapholoides, Nutt.....	Green sage.
"	nova, A. Nels.....	Dwarf sage.
"	subglabra, A. Nels.....	Green sage.
✓	" tridentata, Nutt.....	"
✓	platyphylla ^{bruncea} bruncea	"
Berberis	repens, Lindl.....	Oregon grape.
Betula	fontinalis, Sarg.....	Water birch.
C		
Ceanothus	fendleri, Gray.....	Ceanothus.
"	velutinus, Dougl.....	Chaparral.
Cercocarpus	ledifolius, Nutt.....	Mt. Mahogany.
"	parvifolius, Nutt.....	Buck brush.
Chrysothamnus	depressa, Nutt.....	Ground sage.
✓	" lanceolatus, Nutt.....	Yellow bush.
✓	" nauseosus.....	Rabbit brush.
✓	" " albicaulis (Nutt) Rydb.....	" "
"	parryi, (Gray) Greene.....	" "
"	pumilus, Nutt.....	" "
"	serrulatus, Torr, Rydb.....	" "
* ✓	Cornus stolonifera, Michx.....	Dog wood.
✓	" " riparia, Rydb.....	" "
* ✓	Cowania stansburiana.....	Cliff Rose.
	Crataegus rivularis, Nutt.....	Hawthorne.
Potentilla		
Dasiphora	fruticosa, (L) Rydb.....	Shrubby cinquefoil.
✓	Ephedra viridis, Coville.....	Mormon tea.
✓	Gleditschia triacanthos, L.....	Honey locust.
Ribes	Grossularia inerme, (Rydb.) Coville.....	Gooseberry.
	Holodiscus dumosus, Nutt.....	
✓	Juniperus communis, L.....	Scrub Juniper.
"	scopulorum, Sarg.....	Juniper.
"	utahensis, (Englm) Rydb.....	Utah Juniper.
Pursh	Kunsia tridentata, Spt.....	Juniper berry.

<i>Shepherdia</i>	
<i>Lepargyrea argentea</i> , (Nutt) Greene.....	Bull berry.
" <i>canadensis</i> , (Nutt) Greene.....	Buffalo berry.
<i>Lonicera involucrata</i> , Banks.....	Bear berry.
" <i>utahensis</i> , Wats.....	Timber fly brush.
<i>Malus communis</i>	Apple.
✓ <i>Opulaster malvaceus</i> , (Greene) Ok.....	Currant.
<i>Pachystima myrsinites</i> , (Pursh) Raf.....	Myrtle brush.
<i>Peraphyllum ramosissimum</i>	Wild Apple.
* <i>Picea engelmannii</i> , (Parry) Engelm.....	Engelman Spruce.
<i>Pinus aristata</i> , Engelm.....	Foxtail pine.
" <i>flexilis</i> , James.....	Limber pine.
✓ " <i>ponderosa scopulorum</i>	Western Yellow Pine.
✓ <i>Polygala subspinoso</i> , Wats.....	Thornpea.
<i>Populus aurea</i> , T. M.....	Aspen.
✓ " <i>tremuloides</i> , Michx.....	"
✓ " <i>alba</i> , L.....	Poplar.
✓ " <i>angustifolia</i> , James.....	Cottonwood.
<i>Prunus demissa</i> , (Nels) Rydb. = <i>P. virginiana</i>	Choke cherry.
<i>Pseudotsuga macronata</i> , (Raf.) Seidw. <i>P. menziesii</i>	Douglas Fir.
<i>Pyrola secunda</i> , L. I. C.....	Pyrola.
<i>Quercus gambellii</i> , Nutt.....	Gambel oak.
" <i>utahensis</i> , (D.C.) Rydb.....	Oak brush.
<i>Rhus trilobata</i> , Nutt.....	Squawberry.
<i>Ribes cereum</i> , Dougl.....	Squaw currant.
" <i>montigenum</i>	Sunberry.
" <i>viscosissimum</i> , Pursh.....	Currant.
✓ " <i>wolfii</i> , Roth.....	Wild English Currant.
✓ <i>Robinia pseudacacia</i> , L.....	Locust.
<i>Rosa fendleri</i> , Crepin. = <i>R. woodsii</i>	Wild rose.
" <i>nutkana</i> , Presl. or <i>Besseya nutkana</i>	" "
<i>Rubus parviflora</i> , Nutt.....	Thimble berry.
" <i>strigosus</i> , Michx.....	Raspberry.
<i>Salix bebbiana</i> , Sarg.....	Bebbs Willow.
" <i>exigua</i> , Nutt.....	Narrow leaf willow.
" <i>geyeriana</i> , And.....	Willow.
" <i>glaucops</i> , And. <i>S. glauca</i>	Alpine Willow.
" <i>lemmoni</i> , Bern.....	Willow.
✓ " <i>lutea</i> , Nutt.....	Willow.
✓ " <i>pellita</i> , Anders. = <i>C. drummondiana</i>	" "
<i>Sambucus glauca</i> , Nutt.....	Large elderberry.
✓ " <i>var. microbotrys</i> , Rydb. <i>S. racemosa</i>	Elderberry.
✓ <i>Sarcobatus vermiculatus</i> , (Hook) Torr.....	Greasewood.
<i>Sorbus scopulina</i> , Greene.....	Mt. Ash.
✓ <i>Symphoricarpos oreophilus</i> , Gray.....	Fly brush.
✓ " <i>utahensis</i> , Rydb.....	Snow berry.
<i>Tetradymia inermis</i> , Nutt. = <i>T. canescens</i>	Umbel sage.